

East 4/9/04

L Number	Hits	Search Text	DB	Time stamp
2	3	brake\$ same motor same caliper same fail\$4 and fail\$4 with spring	EPO; JPO; DERWENT	2004/04/09 06:57
1	14	brake\$ same motor same caliper same fail\$4 and fail\$4 with spring	USPAT; US-PGPUB	2004/04/09 06:59
3	1	brake\$ same (electromagnet\$4 or motor) and fail\$4 and fail\$4 with spring with rotary adj actuator	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/09 07:01
4	1	brake\$ same (electromagnet\$4 or motor) and fail\$4 with spring with rotary adj actuator	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/09 07:04
5	1885	brake\$ same (electromagnet\$4 or motor) same caliper	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/09 07:02
7	0	(brake\$ same (electromagnet\$4 or motor) same caliper) and torsion with spring with fail\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/09 07:02
6	26	(brake\$ same (electromagnet\$4 or motor) same caliper) and torsion with spring	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/09 07:03
8	12326	brake\$ same (electromagnet\$4 or motor) same releas\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/09 07:04
9	8048	brake\$ same (electromagnet\$4 or motor) same releas\$4 near3 brak\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/09 07:04
10	5294	brake\$ with (electromagnet\$4 or motor) with releas\$4 near3 brak\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/09 07:05
11	175	brake\$ with (electromagnet\$4 or motor) with releas\$4 near3 brak\$4 with fail\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/09 07:06
12	4	brake\$ with (electromagnet\$4 or motor) with releas\$4 near3 brak\$4 with fail\$4 with spring with (torsion or torque)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/09 07:06
13	4	brake\$ with (electromagnet\$4 or motor) with releas\$4 near3 brak\$4 with fail\$4 with caliper	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/09 07:18
14	17	("1501677" "3984083" "4020923" "4328871" "4371058" "4390161" "4581987" "4595081" "4760895" "4871033" "5346045" "5572505" "5986369" "6325182" "6340077" "6349801" "6471017").PN.	USPAT	2004/04/09 07:16
15	188	brake\$ with (electromagnet\$4 or motor or motordriven) with (automatic adj adjust\$4 or wear adj compensat\$ or wear adj adjust\$4 or slack adj adjust\$5)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/09 07:19
16	320	brake\$ with (electromagnet\$4 or motor or motordriven) with (automatic adj adjust\$4 or wear adj compensat\$ or wear adj adjust\$4 or slack adj adjust\$5 or adjuster)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/09 07:19
17	0	brake\$ with (electromagnet\$4 or motor or motordriven) with (automatic adj adjust\$4 or wear adj compensat\$ or wear adj adjust\$4 or slack adj adjust\$5 or adjuster) with limiter	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/09 07:19

18	19	brake\$ with (electromagnet\$4 or motor or motordriven) with (automatic adj adjust\$4 or wear adj compensat\$ or wear adj adjust\$4 or slack adj adjust\$5 or adjuster) with limit\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/09 07:24
19	19	brake\$ with (electromagnet\$4 or motor or motordriven) with (automatic adj adjust\$4 or wear adj compensat\$ or wear adj adjust\$4 or slack adj adjust\$5 or adjuster) with caliper	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/09 07:25
20	2	brake\$ with (electromagnet\$4 or motor or motordriven) with (automatic adj adjust\$4 or wear adj compensat\$ or wear adj adjust\$4 or slack adj adjust\$5 or adjuster) with caliper with (torque or torsion)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/09 07:25
21	33	Usui.in. and caliper same brak\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/09 07:27
22	9	(US-6571921-\$ or US-6349801-\$ or US-6257377-\$ or US-5829557-\$ or US-5496102-\$).did. or (US-20030066719-\$ or US-20020023806-\$ or US-20040035655-\$).did. or (US-20030136616-\$).did.	USPAT; US-PGPUB; DERWENT	2004/04/09 07:30
23	3	((("6571921") or ("6491140") or ("6374958"))).PN.	USPAT; US-PGPUB	2004/04/09 07:32
24	2	(US-6491140-\$ or US-6374958-\$).did.	USPAT	2004/04/09 07:40
25	0	("tokio.asn.andcaliperwithbrak\$").PN.	USPAT; US-PGPUB	2004/04/09 07:43
26	0	tokio.asn. and caliper with brak\$	USPAT; US-PGPUB	2004/04/09 07:43
27	88	tokico.asn. and caliper with brak\$	USPAT; US-PGPUB	2004/04/09 07:45
28	279	tokico.asn. and caliper with brak\$	EPO; JPO; DERWENT	2004/04/09 07:46
29	44	tokico.asn. and caliper with brak\$ with (motor or motordriven or electromagnet\$)	EPO; JPO; DERWENT	2004/04/09 07:46
30	3	tokico.asn. and caliper with brak\$ with (motor or motordriven or electromagnet\$) with (spring or wear or fail\$4 or defect\$4)	EPO; JPO; DERWENT	2004/04/09 07:50

31	147	("5394699" "5462137" "5689994" "6030054" "6095298" "6142030" "6370975" "6481805" "6059379" "6059379" "5306989" "5406180" "5636444" "5855255" "5873434" "6431317" "4574924" "4604915" "5467597" "6030194" "6357558" "6405835" "6571921" "6059076" "6059076" "4006802" "4267903" "5388669" "5614778" "6056090" "6098762" "5975250" "5826683" "5823053" "4339984" "4928797" "5496102" "5826952" "6230492" "4381047" "4621833" "4922121" "5020322" "5022367" "5239897" "5586623" "5716111" "5931268" "5957246" "6164183").pn. ("6334371" "4865163" "4338787" "4384458" "4461371" "4546860" "4881623" "5348122" "5622142" "5850810" "6125819" "4926977" "4300082" "4614380" "4569234" "5195697" "5305966" "5360175" "55176945" "4401483" "4318465" "4403745"	USPAT; US-PGPUB	2004/04/09 07:50
Search History 4/9/04 7:55:16 AM Page 3 C:\APPS\least\workspaces\19161188.wsp				

-	2	6179097.pn. or 6257377.pn.	USPAT; US-PGPUB	2004/04/09 06:20
-	0	wo0060255	USPAT; US-PGPUB	2004/04/09 06:20
-	15	brake\$ same motor same caliper same fail\$4	EPO; JPO; DERWENT	2004/04/09 06:43
-	35	brake\$ same motor same caliper same fail\$4	USPAT; US-PGPUB	2004/04/09 06:56

PLUS 4/9/04

Butler, Douglas

From: PLUS
Sent: Wednesday, March 03, 2004 9:09 AM
To: Butler, Douglas
Subject: PLUS Results for 10721188

Here are the PLUS search results for 10721188.

This search was prepared by the staff of the Scientific and Technical Information Center, SIRA. If you have questions or comments about this search, please reply via email to PLUS@uspto.gov.



10721188_QUAL.bd



10721188_LIST.bd



10721188_WEST.bd



10721188_EAST.bd



10721188.east



10721188_CLS.bd



10721188_CLSTITLES.t



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10721188_LIST

PLUS Search Results for S/N 10721188, Searched March 03, 2004

The Patent Linguistics Utility System (PLUS) is a USPTO automated search system for U.S. Patents from 1971 to the present. PLUS is a query-by-example search system which produces a list of patents that are most closely related linguistically to the application searched. This search was prepared by the staff of the Scientific and Technical Information Center, SIRA.

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10721188_CLS
Most Frequently Occurring Classifications of Patents Returned
From A Search of 10721188 on March 03, 2004

Original Classifications

5	188/72.1
4	188/71.5
4	188/72.6
3	188/156
3	188/162
3	188/171
3	188/71.9
2	60/442
2	60/562
2	74/335
2	74/89.32
2	123/45A
2	188/173
2	188/352
2	188/72.8
2	303/15
2	318/254
2	318/372
2	360/256.3
2	360/78.12
2	405/198

Cross-Reference Classifications

8	188/162
8	188/72.3
6	188/156
6	188/170
6	188/171
6	188/196R
5	188/158
5	188/72.7
5	303/20
4	188/1.11E
4	188/71.8
4	188/72.8
4	192/90
4	310/77
3	60/589
3	188/18A
3	188/71.9
3	188/72.1
3	188/72.9
3	303/3
3	310/93
3	360/75
2	60/545
2	60/578
2	60/588
2	74/411.5
2	74/625
2	74/89.25
2	74/89.37
2	91/376R
2	114/265

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2 188/1.11L
 2 188/1.11R
 2 188/106F
 2 188/106P
 2 188/161
 2 188/196BA
 2 188/196P
 2 188/72.4
 2 192/111A
 2 192/30V
 2 251/129.13
 2 251/216
 2 303/191
 2 318/138
 2 318/376
 2 318/439
 2 405/196
 2 405/203
 2 415/123

Combined Classifications

11 188/162
 9 188/156
 9 188/171
 8 188/72.1
 8 188/72.3
 7 188/170
 6 188/196R
 6 188/71.9
 6 188/72.8
 6 303/20
 5 188/1.11E
 5 188/158
 5 188/71.5
 5 188/71.8
 5 188/72.6
 5 188/72.7
 5 310/77
 4 188/18A
 4 188/72.9
 4 192/90
 4 303/3
 4 310/93
 4 360/75
 3 60/545
 3 60/589
 3 74/335
 3 74/89.25
 3 123/45A
 3 188/1.11L
 3 188/161
 3 188/173
 3 318/254
 2 60/442
 2 60/562
 2 60/578
 2 60/588
 2 74/411.5
 2 74/473.12

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2 74/625
2 74/89.32
2 74/89.37
2 91/376R
2 114/265
2 123/316
2 188/1.11R
2 188/1.11W
2 188/106F
2 188/106P
2 188/196BA
2 188/196P
2 188/352
2 188/71.4
2 188/72.4
2 188/73.38
2 192/111A
2 192/30V
2 251/129.13
2 251/216
2 303/115.2
2 303/15
2 303/191
2 310/80
2 318/138
2 318/372
2 318/376
2 318/439
2 360/256.3
2 360/78.12
2 405/196
2 405/198
2 405/203
2 415/123

10721188_CLSTITLES

Titles of Most Frequently Occurring Classifications of Patents Returned
From A Search of 10721188 on March 03, 2004

- 11 188/162 (3 OR, 8 XR)
 - Class 188 : BRAKES
 - 188/381 FRICTIONAL VIBRATION DAMPER
 - 188/158 .Electric
 - 188/161 ..Electromagnet
 - 188/162 ...Rotary motor
- 9 188/156 (3 OR, 6 XR)
 - Class 188 : BRAKES
 - 188/381 FRICTIONAL VIBRATION DAMPER
 - 188/156 .Electric and mechanical
- 9 188/171 (3 OR, 6 XR)
 - Class 188 : BRAKES
 - 188/381 FRICTIONAL VIBRATION DAMPER
 - 188/166 .Spring
 - 188/171 ..Electric release
- 8 188/72.1 (5 OR, 3 XR)
 - Class 188 : BRAKES
 - 188/67 ROD
 - 188/71.1 .Axially movable brake element or housing therefor
 - 188/72.1 ..With means for actuating brake element
- 8 188/72.3 (0 OR, 8 XR)
 - Class 188 : BRAKES
 - 188/67 ROD
 - 188/71.1 .Axially movable brake element or housing therefor
 - 188/72.1 ..With means for actuating brake element
 - 188/72.3 ...And means for retracting brake element
- 7 188/170 (1 OR, 6 XR)
 - Class 188 : BRAKES
 - 188/381 FRICTIONAL VIBRATION DAMPER
 - 188/166 .Spring
 - 188/170 ..Fluid-pressure release
- 6 188/196R (0 OR, 6 XR)
 - Class 188 : BRAKES
 - 188/381 FRICTIONAL VIBRATION DAMPER
 - 188/196R .Slack
- 6 188/71.9 (3 OR, 3 XR)
 - Class 188 : BRAKES
 - 188/67 ROD
 - 188/71.1 .Axially movable brake element or housing therefor
 - 188/71.7 ..With means to adjust for wear of brake
 - 188/71.8 ...Self-adjusting means
 - 188/71.9Including unidirectionally rotating screw
- 6 188/72.8 (2 OR, 4 XR)

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- Class 188 : BRAKES
 188/67 .ROD
 188/71.1 .Axially movable brake element or housing therefor
 188/72.1 ..With means for actuating brake element
 188/72.7 ...By inclined surface (e.g., wedge, cam or screw)
 188/72.8Screw or helical cam
- 6 303/20 (1 OR, 5 XR)
 Class 303 : FLUID-PRESSURE AND ANALOGOUS BRAKE SYSTEMS
 303/20 ELECTRIC CONTROL
- 5 188/1.11E (1 OR, 4 XR)
 Class 188 : BRAKES
 188/1.11R WITH CONDITION INDICATOR
 188/1.11E .Electrical
- 5 188/158 (0 OR, 5 XR)
 Class 188 : BRAKES
 188/381 FRICTIONAL VIBRATION DAMPER
 188/158 .Electric
- 5 188/71.5 (4 OR, 1 XR)
 Class 188 : BRAKES
 188/67 ROD
 188/71.1 .Axially movable brake element or housing therefor
 188/71.5 ..Plural rotating elements (e.g., "multidisc")
- 5 188/71.8 (1 OR, 4 XR)
 Class 188 : BRAKES
 188/67 ROD
 188/71.1 .Axially movable brake element or housing therefor
 188/71.7 ..With means to adjust for wear of brake
 188/71.8 ...Self-adjusting means
- 5 188/72.6 (4 OR, 1 XR)
 Class 188 : BRAKES
 188/67 ROD
 188/71.1 .Axially movable brake element or housing therefor
 188/72.1 ..With means for actuating brake element
 188/72.4 ...By fluid pressure piston
 188/72.6And/or mechanical linkage
- 5 188/72.7 (0 OR, 5 XR)
 Class 188 : BRAKES
 188/67 ROD
 188/71.1 .Axially movable brake element or housing therefor
 188/72.1 ..With means for actuating brake element
 188/72.7 ...By inclined surface (e.g., wedge, cam or screw)
- 5 310/77 (1 OR, 4 XR)
 Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE

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- 310/10 DYNAMOELECTRIC
- 310/40R .Rotary
- 310/66 ..With other elements
- 310/75R ...Drive mechanism
- 310/77Brake

- 4 188/18A (1 OR, 3 XR)
 - Class 188 : BRAKES
 - 188/2R VEHICLE
 - 188/17 .Hub or disk
 - 188/18R ..Motor vehicle
 - 188/18A ...Disc brakes

- 4 188/72.9 (1 OR, 3 XR)
 - Class 188 : BRAKES
 - 188/67 ROD
 - 188/71.1 .Axially movable brake element or housing therefor
 - 188/72.1 ..With means for actuating brake element
 - 188/72.9 ...By pivoted lever

- 4 192/90 (0 OR, 4 XR)
 - Class 192 : CLUTCHES AND POWER-STOP CONTROL
 - 192/30R CLUTCHES
 - 192/82R .Operators
 - 192/89.2 ..Spring engaged
 - 192/90 ...Electric release

- 4 303/3 (1 OR, 3 XR)
 - Class 303 : FLUID-PRESSURE AND ANALOGOUS BRAKE SYSTEMS
 - 303/2 MULTIPLE SYSTEMS
 - 303/3 .Fluid pressure and electric

- 4 310/93 (1 OR, 3 XR)
 - Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE
 - 310/10 DYNAMOELECTRIC
 - 310/40R .Rotary
 - 310/92 ..Torque-transmitting clutches or brakes
 - 310/93 ...Brake type

- 4 360/75 (1 OR, 3 XR)
 - Class 360 : DYNAMIC MAGNETIC INFORMATION STORAGE OR RETRIEVAL
 - 360/69 AUTOMATIC CONTROL OF A RECORDER MECHANISM
 - 360/75 .Controlling the head

- 3 60/545 (1 OR, 2 XR)
 - Class 060 : POWER PLANTS
 - 60/325 PRESSURE FLUID SOURCE AND MOTOR
 - 60/533 .Pulsator
 - 60/545 ..Having electricity or magnetically operated structure

- 3 60/589 (0 OR, 3 XR)
 - Class 060 : POWER PLANTS
 - 60/325 PRESSURE FLUID SOURCE AND MOTOR
 - 60/533 .Pulsator
 - 60/585 ..Holder for reserve liquid feeds master
 - 60/589 ...Master piston or its actuator mechanically

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operates valve between holder and master cylinder

- 3 74/335 (2 OR, 1 XR)
Class 074 : MACHINE ELEMENT OR MECHANISM
74/640 GEARING
74/325 .Interchangeably locked
74/335 ..Control mechanism
- 3 74/89.25 (1 OR, 2 XR)
Class 074 : MACHINE ELEMENT OR MECHANISM
74/840 ROTARY DRIVEN DEVICE ADJUSTABLE DURING
OPERATION RELATIVE TO ITS SUPPORTING STRUCTURE
74/89 .Reciprocating or oscillating to or from
alternating rotary
74/89.23 ..Including screw and nut
74/89.25 ...Auxiliary drive (e.g., fluid piston, etc.)
for load
- 3 123/45A (2 OR, 1 XR)
Class 123 : INTERNAL-COMBUSTION ENGINES
123/45R ROTARY RECIPROCATING PISTON
123/45A .Piston and crankshaft coaxial
- 3 188/1.11L (1 OR, 2 XR)
Class 188 : BRAKES
188/1.11R WITH CONDITION INDICATOR
188/1.11W .Wear
188/1.11L ..Electrical
- 3 188/161 (1 OR, 2 XR)
Class 188 : BRAKES
188/381 FRICTIONAL VIBRATION DAMPER
188/158 .Electric
188/161 ..Electromagnet
- 3 188/173 (2 OR, 1 XR)
Class 188 : BRAKES
188/381 FRICTIONAL VIBRATION DAMPER
188/166 .Spring
188/171 ..Electric release
188/173 ...Vehicle
- 3 318/254 (2 OR, 1 XR)
Class 318 : ELECTRICITY: MOTIVE POWER SYSTEMS
318/254 SELF-COMMUTATED IMPULSE OR RELUCTANCE MOTORS
- 2 60/442 (2 OR, 0 XR)
Class 060 : POWER PLANTS
60/325 PRESSURE FLUID SOURCE AND MOTOR
60/435 .Having a mechanical clutch or brake device in
the power train
60/442 ..Device holds output in adjusted position
- 2 60/562 (2 OR, 0 XR)
Class 060 : POWER PLANTS
60/325 PRESSURE FLUID SOURCE AND MOTOR
60/533 .Pulsator
60/562 ..Master piston of one pulsator circuit drives
master piston of a parallel circuit through a resilient,

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fluid or lost motion connection

- 2 60/578 (0 OR, 2 XR)
Class 060 : POWER PLANTS
60/325 PRESSURE FLUID SOURCE AND MOTOR
60/533 .Pulsator
60/574 ..Automatic control of plural stage pressure
generation or utilization
60/578 ...Unitarily movable displacer delivers fluid
from two delivery chambers, one chamber being ineffective
under high pressure delivery
- 2 60/588 (0 OR, 2 XR)
Class 060 : POWER PLANTS
60/325 PRESSURE FLUID SOURCE AND MOTOR
60/533 .Pulsator
60/585 ..Holder for reserve liquid feeds master
60/588 ...Master piston traps liquid on advance across
a feed port in cylinder wall
- 2 74/411.5 (0 OR, 2 XR)
Class 074 : MACHINE ELEMENT OR MECHANISM
74/640 GEARING
74/411.5 .With brake means for gearing
- 2 74/473.12 (1 OR, 1 XR)
Class 074 : MACHINE ELEMENT OR MECHANISM
74/469 CONTROL LEVER AND LINKAGE SYSTEMS
74/471R .Multiple controlled elements
74/473.1 ..Transmission control
74/473.12 ...Electrical actuator
- 2 74/625 (0 OR, 2 XR)
Class 074 : MACHINE ELEMENT OR MECHANISM
74/625 ALTERNATE MANUAL OR POWER OPERATORS
- 2 74/89.32 (2 OR, 0 XR)
Class 074 : MACHINE ELEMENT OR MECHANISM
74/840 ROTARY DRIVEN DEVICE ADJUSTABLE DURING
OPERATION RELATIVE TO ITS SUPPORTING STRUCTURE
74/89 .Reciprocating or oscillating to or from
alternating rotary
74/89.23 ..Including screw and nut
74/89.32 ...Carriage surrounding, guided by, and
primarily supported by member other than screw (e.g.,
linear guide, etc.)
- 2 74/89.37 (0 OR, 2 XR)
Class 074 : MACHINE ELEMENT OR MECHANISM
74/840 ROTARY DRIVEN DEVICE ADJUSTABLE DURING
OPERATION RELATIVE TO ITS SUPPORTING STRUCTURE
74/89 .Reciprocating or oscillating to or from
alternating rotary
74/89.23 ..Including screw and nut
74/89.37 ...Limit stop
- 2 91/376R (0 OR, 2 XR)
Class 091 : MOTORS: EXPANSIBLE CHAMBER TYPE
91/358R WORKING MEMBER POSITION FEEDBACK TO MOTIVE

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FLUID CONTROL

91/368 .Follower type
91/374 ..Plural movable valve parts
91/376R ...One movable part unitary with working member

2 114/265 (0 OR, 2 XR)
Class 114 : SHIPS
114/264 FLOATING PLATFORM
114/265 .Multiple leg

2 123/316 (1 OR, 1 XR)
Class 123 : INTERNAL-COMBUSTION ENGINES
123/311 FOUR-CYCLE
123/316 .Having subcharger associated with the cylinder

2 188/1.11R (0 OR, 2 XR)
Class 188 : BRAKES
188/1.11R WITH CONDITION INDICATOR

2 188/1.11W (1 OR, 1 XR)
Class 188 : BRAKES
188/1.11R WITH CONDITION INDICATOR
188/1.11W .Wear

2 188/106F (0 OR, 2 XR)
Class 188 : BRAKES
188/381 FRICTIONAL VIBRATION DAMPER
188/105 .Multiple
188/106R ..Vehicle
188/106F ...Fluid and mechanical

2 188/106P (0 OR, 2 XR)
Class 188 : BRAKES
188/381 FRICTIONAL VIBRATION DAMPER
188/105 .Multiple
188/106R ..Vehicle
188/106P ...Plural systems

2 188/196BA (0 OR, 2 XR)
Class 188 : BRAKES
188/381 FRICTIONAL VIBRATION DAMPER
188/196R .Slack
188/196B ..Ratchet
188/196BA ...Rotatable

2 188/196P (0 OR, 2 XR)
Class 188 : BRAKES
188/381 FRICTIONAL VIBRATION DAMPER
188/196R .Slack
188/196P ..Friction

2 188/352 (2 OR, 0 XR)
Class 188 : BRAKES
188/381 FRICTIONAL VIBRATION DAMPER
188/151R .Fluid pressure
188/152 ..Road vehicle
188/352 ...With bleeding or filling device

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- 2 188/71.4 (1 OR, 1 XR)
 Class 188 : BRAKES
 188/67 ROD
 188/71.1 .Axially movable brake element or housing
 therefor
 188/71.3 ..Antipodal, relatively separable brake
 elements
 188/71.4 ...Annular elements
- 2 188/72.4 (0 OR, 2 XR)
 Class 188 : BRAKES
 188/67 ROD
 188/71.1 .Axially movable brake element or housing
 therefor
 188/72.1 ..With means for actuating brake element
 188/72.4 ...By fluid pressure piston
- 2 188/73.38 (1 OR, 1 XR)
 Class 188 : BRAKES
 188/67 ROD
 188/71.1 .Axially movable brake element or housing
 therefor
 188/73.31 ..Retainer for brake element
 188/73.37 ...Having means to prevent vibration of brake
 element
 188/73.38Spring
- 2 192/111A (0 OR, 2 XR)
 Class 192 : CLUTCHES AND POWER-STOP CONTROL
 192/30R CLUTCHES
 192/111R .Wear compensators
 192/111A ..Automatic wear compensators
- 2 192/30V (0 OR, 2 XR)
 Class 192 : CLUTCHES AND POWER-STOP CONTROL
 192/30R CLUTCHES
 192/30V .Vibration dampers
- 2 251/129.13 (0 OR, 2 XR)
 Class 251 : VALVES AND VALVE ACTUATION
 251/129.01 ELECTRICALLY ACTUATED VALVE
 251/129.11 .Rotary electric actuator
 251/129.13 ..With speed or braking control
- 2 251/216 (0 OR, 2 XR)
 Class 251 : VALVES AND VALVE ACTUATION
 251/213 MECHANICAL MOVEMENT ACTUATOR
 251/215 .Plural motions of valve
 251/216 ..Screw threads in flow path
- 2 303/115.2 (1 OR, 1 XR)
 Class 303 : FLUID-PRESSURE AND ANALOGOUS BRAKE SYSTEMS
 303/121 SPEED-CONTROLLED
 303/113.1 .Having a valve system responsive to a wheel
 lock signal
 303/115.1 ..System controlled by expansible chamber type
 modulator
 303/115.2 ...Having electric control

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- 2 303/15 (2 OR, 0 XR)
 - Class 303 : FLUID-PRESSURE AND ANALOGOUS BRAKE SYSTEMS
 - 303/13 MULTIPLE CONTROL
 - 303/15 .Fluid and electric

- 2 303/191 (0 OR, 2 XR)
 - Class 303 : FLUID-PRESSURE AND ANALOGOUS BRAKE SYSTEMS
 - 303/121 SPEED-CONTROLLED
 - 303/191 .Odd condition or device detection (e.g., fluid
or brake temperature, hill holder, anti-squeal controller
acoustic emission)

- 2 310/80 (1 OR, 1 XR)
 - Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE
 - 310/10 DYNAMOELECTRIC
 - 310/40R .Rotary
 - 310/66 ..With other elements
 - 310/75R ...Drive mechanism
 - 310/80Motion conversion

- 2 318/138 (0 OR, 2 XR)
 - Class 318 : ELECTRICITY: MOTIVE POWER SYSTEMS
 - 318/138 SPACE-DISCHARGE-DEVICE COMMUTATED MOTOR

- 2 318/372 (2 OR, 0 XR)
 - Class 318 : ELECTRICITY: MOTIVE POWER SYSTEMS
 - 318/362 BRAKING
 - 318/372 .Friction braking

- 2 318/376 (0 OR, 2 XR)
 - Class 318 : ELECTRICITY: MOTIVE POWER SYSTEMS
 - 318/362 BRAKING
 - 318/375 .Dynamic braking
 - 318/376 ..Regenerative

- 2 318/439 (0 OR, 2 XR)
 - Class 318 : ELECTRICITY: MOTIVE POWER SYSTEMS
 - 318/439 MOTOR COMMUTATION CONTROL SYSTEMS

- 2 360/256.3 (2 OR, 0 XR)
 - Class 360 : DYNAMIC MAGNETIC INFORMATION STORAGE OR
RETRIEVAL
 - 360/240 HEAD MOUNTING
 - 360/250 .For moving head into/out of transducing
position
 - 360/254 ..Disk record
 - 360/256 ...Latch
 - 360/256.3Electrically driven

- 2 360/78.12 (2 OR, 0 XR)
 - Class 360 : DYNAMIC MAGNETIC INFORMATION STORAGE OR
RETRIEVAL
 - 360/69 AUTOMATIC CONTROL OF A RECORDER MECHANISM
 - 360/75 .Controlling the head
 - 360/78.01 ..Track changing
 - 360/78.04 ...For rotary carrier (e.g., disc)
 - 360/78.12Including particular head actuator

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- 2 405/196 (0 OR, 2 XR)
 - Class 405 : HYDRAULIC AND EARTH ENGINEERING
 - 405/195.1 MARINE STRUCTURE OR FABRICATION THEREOF
 - 405/196 .With work deck vertically adjustable relative
to floor

- 2 405/198 (2 OR, 0 XR)
 - Class 405 : HYDRAULIC AND EARTH ENGINEERING
 - 405/195.1 MARINE STRUCTURE OR FABRICATION THEREOF
 - 405/196 .With work deck vertically adjustable relative
to floor
 - 405/198 ..Longitudinally extending projections or
recesses

- 2 405/203 (0 OR, 2 XR)
 - Class 405 : HYDRAULIC AND EARTH ENGINEERING
 - 405/195.1 MARINE STRUCTURE OR FABRICATION THEREOF
 - 405/203 .Floatable to site and supported by marine
floor

- 2 415/123 (0 OR, 2 XR)
 - Class 415 : ROTARY KINETIC FLUID MOTORS OR PUMPS
 - 415/122.1 INCLUDING SHAFT TRANSMISSION TRAIN, BRAKE,
CLUTCH, OR ATTENDANT ACTUATED DRIVE MEANS
 - 415/123 .Brake or clutch